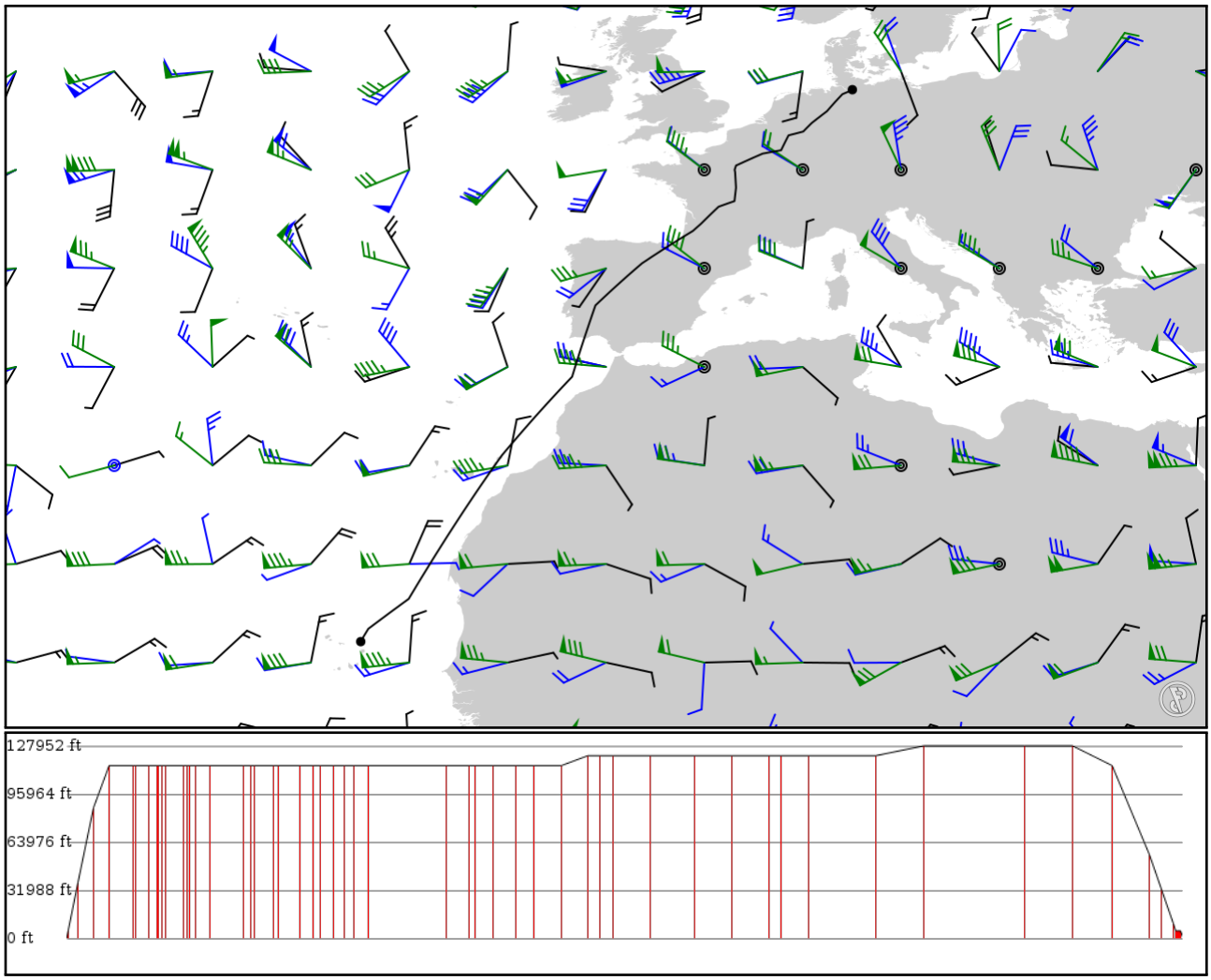
EDDH HL001 GVAC

Hamburg Fulsbuettel — Sal Amilcar Cabral Intl

2024/03/19 1345Z

EDDH DH010 FU HAM38 BASUM OSN ABAMI BAM NOR KENUM PODAT DINKI LNO DINAN KUDIN RAPOR RENSA GIMER RESMI DEKOD DISAK DEPOM DIRMO GUERE BEBIX LMG SOMIG VELIN SAU ENSAC NEA ZANKO MINVI RIDAV RAKOD ELVAR ALAGU VFA OBOLO OSLAD IBALU AMETA TURMA VEDOD TERTO LZR DEREV BIPET ETIBA GUNET +18.57_-021.14 EDLIR +17.17_-022.70 CVS +16.61_-023.03 +16.58_-023.02 +16.57_-022.99 +16.59_-022.95 +16.62_-022.95 +16.65_-022.95 GVAC

2822.33 nm / 5226.96 km



Notes

Plan for stage 1 of Albert Ballin flight to Brazil.
Fuel load required 38800 lbs reserves included.
Payload 14928 lbs (52 VIP)

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDDH APT	–	53.63977 9.98787	53 ft 16 m	–	–
DH010 FIX	–	53.61501 9.95714	453 ft 138 m	1	–
FU NDB	–	53.57549 9.87581	1,653 ft 504 m	3	HAMBURG WEST NDB
HAM38 FIX	–	53.33765 9.31833	11,253 ft 3,430 m	24	–
BASUM FIX	–	52.77194 8.78861	26,453 ft 8,063 m	38	–
OSN VOR	–	52.20013 8.28552	35,000 ft 10,668 m	38	OSNABRUCK VOR
ABAMI FIX	–	51.42500 7.28056	35,000 ft 10,668 m	59	–
BAM VOR	–	51.32776 7.17698	35,000 ft 10,668 m	7	BARMEN VORTAC
NOR VOR	–	50.84067 6.69417	35,000 ft 10,668 m	34	NORVENICH VORTAC
KENUM FIX	–	50.72250 6.23944	35,000 ft 10,668 m	18	–
PODAT FIX	–	50.69583 6.13639	35,000 ft 10,668 m	4	–
DINKI FIX	–	50.63918 5.90601	35,000 ft 10,668 m	9	–
LNO VOR	–	50.58583 5.71028	35,000 ft 10,668 m	8	OLNO VOR-DME
DINAN FIX	–	49.83194 5.33139	35,000 ft 10,668 m	47	–
KUDIN FIX	–	49.69303 5.26280	35,000 ft 10,668 m	8	–
RAPOR FIX	–	49.59139 5.21306	35,000 ft 10,668 m	6	–
RENSA FIX	–	49.53305 4.88556	35,000 ft 10,668 m	13	–
GIMER FIX	–	49.36556 3.97389	35,000 ft 10,668 m	36	–
RESMI FIX	–	48.56861 2.19194	35,000 ft 10,668 m	85	–
DEKOD FIX	–	48.28333 2.10000	35,000 ft 10,668 m	17	–
DISAK FIX	–	48.13333 2.13167	35,000 ft 10,668 m	9	–
DEPOM FIX	–	47.31778 2.17917	35,000 ft 10,668 m	49	–
DIRMO FIX	–	47.08917 2.19222	35,000 ft 10,668 m	13	–
GUERE FIX	–	46.19000 2.08944	35,000 ft 10,668 m	54	–
BEBIX FIX	–	45.94917 1.39972	35,000 ft 10,668 m	32	–
LMG VOR	–	45.81591 1.02558	35,000 ft 10,668 m	17	LIMOGES VOR-DME
SOMIG	–	45.37500	35,000 ft	32	–

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	0.56250 10,668 m			
VELIN	-	44.98000 35,000 ft	29	-	
FIX	-	0.15556 10,668 m			
SAU	-	44.67681 35,000 ft	22	SAUVETERRE DE GUYENNE VOR	
VOR	-	-0.15292 10,668 m			
ENSAC	-	44.20000 35,000 ft	36	-	
FIX	-	-0.69028 10,668 m			
NEA	-	42.02761 35,000 ft	198	TABANERA VOR-DME	
VOR	-	-4.10913 10,668 m			
ZANKO	-	41.28805 35,000 ft	58	-	
FIX	-	-4.96459 10,668 m			
MINVI	-	41.12614 35,000 ft	12	-	
FIX	-	-5.14818 10,668 m			
RIDAV	-	40.53524 35,000 ft	46	-	
FIX	-	-5.80829 10,668 m			
RAKOD	-	39.78081 35,000 ft	58	-	
FIX	-	-6.62851 10,668 m			
ELVAR	-	39.21944 35,000 ft	43	-	
FIX	-	-7.22333 10,668 m			
ALAGU	-	38.08861 35,000 ft	70	-	
FIX	-	-7.61444 10,668 m			
VFA	-	37.01352 37,000 ft	66	FARO VOR-DME	
VOR	-	-7.97501 11,278 m			
OBOLO	-	36.53139 37,000 ft	29	-	
FIX	-	-8.13250 11,278 m			
OSLAD	-	35.96667 37,000 ft	35	-	
FIX	-	-8.31417 11,278 m			
IBALU	-	34.44444 37,000 ft	94	-	
FIX	-	-8.78917 11,278 m			
AMETA	-	32.99750 37,000 ft	110	-	
FIX	-	-10.14833 11,278 m			
TURMA	-	31.75389 37,000 ft	94	-	
FIX	-	-11.27750 11,278 m			
VEDOD	-	30.50583 37,000 ft	93	-	
FIX	-	-12.37333 11,278 m			
TERTO	-	30.10417 37,000 ft	29	-	
FIX	-	-12.71722 11,278 m			
LZR	-	29.16600 37,000 ft	69	LANZAROTE VOR-DME	
VOR	-	-13.51073 11,278 m			
DEREV	-	26.72317 37,000 ft	172	-	
FIX	-	-15.21106 11,278 m			
BIPET	-	25.00000 39,000 ft	120	-	
FIX	-	-16.35880 11,887 m			
ETIBA	-	21.33826 39,000 ft	254	-	
FIX	-	-18.67879 11,887 m			
GUNET	-	19.59500 39,000 ft	120	-	
FIX	-	-19.73500 11,887 m			
+18.57_-021.14	-	18.56679 35,000 ft	100	-	
DME	-	-21.13765 10,668 m			
EDLIR	-	17.59500 17,000 ft	94	-	
FIX	-	-22.43972 5,182 m			
+17.17_-022.70	-	17.17238 10,000 ft	29	-	
DME	-	-22.69789 3,048 m			
CVS	-	16.73677 3,000 ft	29	SAL VOR-DME	
VOR	-	-22.95105 914 m			
+16.61_-023.03	-	16.60788 1,500 ft	8	-	

Ident	Via	Lat	Alt	Dist	Name
Type		Lon		(nm)	
DME	–	-23.02697	457 m		
+16.58_-023.02	–	16.57623	1,500 ft	1	–
DME	–	-23.01891	457 m		
+16.57_-022.99	–	16.56852	1,500 ft	1	–
DME	–	-22.98542	457 m		
+16.59_-022.95	–	16.58779	1,500 ft	2	–
DME	–	-22.94926	457 m		
+16.62_-022.95	–	16.62098	1,500 ft	1	–
DME	–	-22.94837	457 m		
+16.65_-022.95	–	16.65388	1,500 ft	1	–
DME	–	-22.94896	457 m		
GVAC	–	16.73617	177 ft	4	Sal Amilcar Cabral Intl
APT	–	-22.94891	54 m		

EDDH

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 53 ft / 16 m
Location: 53.633700 9.985260
Magnetic Var: 3.671 E

METAR

EDDH 191320Z AUTO 14009KT 120V180 9999 SCT044 11/04 Q1019 NOSIG

TAF

TAF EDDH 191100Z 1912/2018 15010KT 9999 BKN040 BECMG 1917/1920 16005KT PROB30 TEMPO 2005/2007 4500 -RA BR BECMG 20

Frequencies

REC - 123.12 MHz - EDDH ATIS
GND - 121.70 MHz - HAMBURG APRON
TWR - 121.27 MHz - HAMBURG TWR
APP - 118.20 MHz - HAMBURG DIRECTOR
APP - 134.25 MHz - BREMEN RADAR

GND - 121.80 MHz - HAMBURG GND
GND - 121.97 MHz - HAMBURG APRON
TWR - 126.85 MHz - HAMBURG TWR
APP - 124.62 MHz - HAMBURG APP
APP - 136.67 MHz - BREMEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	151 ft 46 m	10,647 ft 3,245 m	50.18 46.51	ASPHALT	978 ft 298 m	194 ft 59 m
23	151 ft 46 m	10,647 ft 3,245 m	230.22 226.54	ASPHALT	509 ft 155 m	239 ft 73 m
15	151 ft 46 m	12,013 ft 3,662 m	152.89 149.22	ASPHALT	0 ft 0 m	194 ft 59 m
33	151 ft 46 m	12,013 ft 3,662 m	332.91 329.24	ASPHALT	1,463 ft 446 m	164 ft 50 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	IHHE	110.50 MHz	18 nm 33 km	50.21 46.54	-	53 ft 53 m
15	LOC-ILS	IHHS	109.55 MHz	18 nm 33 km	152.91 149.24	-	53 ft 53 m
23	LOC-ILS	IHHW	111.50 MHz	18 nm 33 km	230.21 226.54	-	53 ft 53 m
33	LOC-LOC	IHHN	109.90 MHz	18 nm 33 km	332.91 329.24	-	53 ft 53 m
05	GS	IHHE	110.50 MHz	10 nm 19 km	50.21 46.54	3.00	53 ft 53 m
15	GS	IHHS	109.55 MHz	10 nm 19 km	152.91 149.24	3.00	53 ft 53 m
23	GS	IHHW	111.50 MHz	10 nm 19 km	230.21 226.54	3.00	53 ft 53 m
33	GS	IHHN	109.90 MHz	10 nm 19 km	332.91 329.24	3.00	53 ft 53 m

GVAC

Region: CAPE VERDE
Timezone: ATLANTIC/CAPE_VERDE
Runways: 1

Elevation: 184 ft / 56 m
Location: 16.737600 -22.950000
Magnetic Var: 8.509 W

METAR

GVAC 191300Z 04019KT 8000 BKN014 23/17 Q1013 NOSIG

TAF

TAF GVAC 191100Z 1912/2018 03018KT 8000 BKN014 TEMPO 1918/1924 SCT014

Frequencies

REC - 127.60 MHz - AMILCABRAL ATIS
APP - 126.40 MHz - SAL APPROACH
TWR - 119.70 MHz - AMILCABRAL TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	148 ft 45 m	10,781 ft 3,286 m	359.61 8.12	ASPHALT	879 ft 268 m	0 ft 0 m
19	148 ft 45 m	10,781 ft 3,286 m	179.61 188.12	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	LOC-ILS	SL	109.90 MHz	18 nm 33 km	359.58 8.09	-	177 ft 177 m
01	GS	SL	109.90 MHz	10 nm 19 km	359.64 8.15	3.00	184 ft 184 m